Code Analysis

Description

Presents best practices for performing code analysis to uncover errors in and improve the quality of source code. Methods include manual code auditing, walkthroughs, static analysis, dynamic analysis, metric analysis, testability analysis, crypto analysis, random number analysis, and fault injection.

Overview Articles

Name	Version Creation Time	Abstract
Code Analysis	24/05/06 11:05:12	Software security is first and foremost about identifying and managing risks. One of the most effective ways to identify and manage risk for an application is to iteratively review its code throughout the development cycle. Substantial net improvements in software security can be realized through the formal use of design and code inspection.

Most Recently Updated Articles [Ordered by Last Modified Date]

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Code Analysis - References	07/03/06 08:19:26	Content area bibliography.
Business Case	07/03/06 08:19:02	Substantial net improvements in application security have been obtained through the use of formal reviews of design and code. Improvements are made

		possible by a systematic design and code verification process. By using source code review results, a significant reduction in security flaws can be achieved. To perform this kind of analysis, it is necessary for a project to have defined, consistently executed processes for source code inspection, code rework, and retesting.

All Articles [Ordered by Title]

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Fields

Name	Value
Categories	best-practices